INVIVO THERAPEUTICS HOLDINGS CORP. Form 424B3 January 04, 2019

Filed pursuant to Rule 424(b)(3)
Registration Statement Nos. 333 224424 and 333 225768

PROSPECTUS SUPPLEMENT NO. 7

(TO PROSPECTUS DATED JUNE 20, 2018)

INVIVO THERAPEUTICS HOLDINGS CORP.

388,403 shares of Common Stock and

388,403 Warrants to purchase shares of Common Stock

and

6,242,811 Pre-Funded Warrants to purchase shares of Common Stock and

6,242,811 Warrants to purchase shares of Common Stock

This prospectus supplement No. 7 supplements and amends the prospectus dated June 20, 2018, as supplemented by prospectus supplement No. 1, dated September 28, 2018, prospectus supplement No. 2, dated October 5, 2018, prospectus supplement No. 3, dated November 8, 2018, prospectus supplement No. 4, dated November 13,2018, prospectus supplement No. 5, dated November 16, 2018 and prospectus supplement No. 6, dated December 14, 2018, related to the sale or other disposition from time to time of 388,403 shares of common stock, par value \$0.00001 per share (the "Common Stock"), of InVivo Therapeutics Holdings Corp., a Nevada corporation (the "Company," "we," "us" or "our"), together with up to 388,403 warrants to purchase shares of Common Stock, and 6,242,811 pre-funded warrants to purchase shares of Common Stock together with 6,242,811 warrants to purchase shares of Common Stock, issued to Ladenburg Thalmann & Co. Inc., the underwriter named in the prospectus, also referred to as LTCO, pursuant to an underwriting agreement dated June 21, 2018 that we entered into with LTCO.

This prospectus supplement should be read in conjunction with the prospectus dated June 20, 2018, which is to be delivered with this prospectus supplement. This prospectus supplement is qualified by reference to the prospectus except to the extent that the information in this prospectus supplement supersedes the information contained in the prospectus. This prospectus supplement is not complete without, and may not be delivered or utilized except in connection with, the prospectus, including any amendments or supplements to it.

Our common stock is quoted on The Nasdaq Capital Market under the symbol "NVIV." On January 3, 2019, the last reported sale price of our common stock on The Nasdaq Capital Market was \$1.52 per share.

This prospectus supplement incorporates into our prospectus the information contained in our Current Report on Form 8-K filed with the Securities and Exchange Commission on January 4, 2019 and attached hereto.

Investing in our common stock involves risks. See "Risk Factors" beginning on page 10 of the prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus supplement or the prospectus to which it relates are truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus supplement is January 4, 2019.

UNITED STAT	ES				
SECURITIES A	ND EXCHANGE COMMISSIO	N			
Washington, D.C. 20549					
FORM 8-K					
CURRENT REF	PORT				
Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934					
Targaunt to see	ion to or to(u) or the securities	Exemunge Fiet of 1991			
January 4, 2019					
•					
Date of Report (Date of earliest event reported)					
INVIVO THERAPEUTICS HOLDINGS CORP.					
(Exact Name of Registrant as Specified in Charter)					
	N. I	001.07050	26.4520166		
	Nevada (State or Other	001-37350 (Commission File Number)	36-4528166 (IRS Employer		
	Jurisdiction of Incorporation)		Identification No.)		
One Kendall Squ	uare, Suite B14402				
Cambridge, Massachusetts 02139					
(Address of Principal Executive Offices) (Zip Code)					

(617) 863-5500

(Registrant's telephone number, including area code)
(Former name or former address, if changed since last report)
Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):
Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).
Emerging growth company
If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 7.01. Regulation FD Disclosure.

On January 4, 2019, InVivo Therapeutics Holdings Corp. (the "Company") posted an updated corporate presentation in the "Investor Relations" section of its website at www.invivotherapeutics.com.

Item 8.01. Other Events.

On January 4, 2019, the Company announced an updated projected clinical timeline, specifically that it anticipates enrolling its first patient in the INSPIRE 2.0 study in the first quarter of 2019.

Safe Harbor Statement

Any statements contained in this Current Report on Form 8-K that do not describe historical facts may constitute forward-looking statements within the meaning of the federal securities laws. These statements can be identified by words such as "believe," "anticipate," "intend," "estimate," "will," "may," "should," "expect" and similar expressions, and inc statements regarding enrollment in the INSPIRE 2.0 Study. Any forward-looking statements contained herein are based on current expectations and are subject to a number of risks and uncertainties. Factors that could cause actual future results to differ materially from current expectations include, but are not limited to, risks and uncertainties relating to: the need to raise additional capital, to successfully decrease costs and spend and to successfully open clinical sites for enrollment and to enroll additional patients if such study is initiated; the timing of the Institutional Review Board process; the company's ability to obtain FDA approval to commercialize its products; the Company's ability to develop, market and sell products based on its technology; the expected benefits and efficacy of the Company's products and technology in connection with spinal cord injuries; the availability of substantial additional funding for the Company to continue its operations and to conduct research and development, clinical studies and future product commercialization; and other risks associated with the Company's business, research, product development, regulatory approval, marketing and distribution plans and strategies identified and described in more detail in the Company's Annual Report on Form 10-K for the year ended December 31, 2017, the Company's Quarterly Report on Form 10-Q for the period ended September 30, 2018 and its other filings with the SEC, including the Company's quarterly reports on Form 10-Q and current reports on Form 8-K. The Company does not undertake to update these forward-looking statements.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

INVIVO THERAPEUTICS HOLDINGS CORP.

Date: January 4, 2019 By: /s/ Richard Toselli

Name: Richard Toselli

Title: President and Chief Executive Officer